



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

Habersham Metal Products Co., Inc.
264 Stapleton Road, P.O. Box 739
Cornelia, GA 30531

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model "HMPCO FBCPR1" Outswing Glazed Steel Door - L.M.I.

APPROVAL DOCUMENT: Drawing No. **060125.05**, titled "Dade County Pair/Single Outswing Door and Frame", sheets 1 through 13 of 13, dated 12/14/06, prepared by manufacturer, signed and sealed by R. Greg Henley, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 06-0125.05** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 11-1006.22
Expiration Date: January 11, 2013
Approval Date: February 02, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **060125.05**, Sheets 1 through 13 of 13, dated 12/14/06, titled "Dade County Pair/ Single Outswing Door and Frame", prepared by manufacturer, signed and sealed by R. Greg Henley, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test
7) Tensile Test, per ASTM E8

along with marked-up drawings and installation diagram of pair of hollow metal doors, prepared by Intertek Testing Services NA, Inc. ETL SEMKO, Test Report No. **ITS-3076273**, dated January 13, 2006, and addendum letter dated 10/31/06, signed and sealed by Rick Curkeet, P. E. (*Submitted under previous NOA# 05-1212.07*)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, prepared by MACTEC Engineering and Consulting, Inc., dated July 14, 2006 and October 31, 2006, revised on December 14, 2006 and updated on 09/30/11, signed and sealed by R. Greg and James L. Studer, P.E.
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **02-0115.03** issued to Globe Amerada Architectural Glass, L.L.C. for their "Glass Clad Polycarbonate" dated 02/07/02, expiring on 09/03/06.
2. Notice of Acceptance No. **06-1116.07** issued to Global Security Glazing for their "Chem-Temp® Chemically Strengthened Glass – Component Approval" dated 02/01/07, expiring on 07/18/12.
3. Notice of Acceptance No. **10-0329.03** issued to Sheffield Plastics, Inc. for their "Makrolon Polycarbonate Sheets" dated 07/07/10, expiring on 08/27/12.



Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-1006.22

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F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2007 and FBC-2010, dated 09/30/11, signed and sealed by James L. Studer, P.E.
2. Statement letter for transfer of responsibility issued by AMEC E & I (MACTEC Engineering and Consulting, Inc.), dated 09/30/11, assigning James L. Studer, P.E. responsibility of drawings and calculations from Mr. Greg Henley, P.E., both members of their staff, signed by J. Michael Garver, P.E. and signed and sealed by James L. Studer, P.E.
3. Statement letter of no financial interest, dated 12/14/06, signed and sealed by R. Greg Henley, P.E.
4. Email from Habersham Metal Products dated Jan.18, 2012, requesting a One-Year Renewal to allow them to perform the required additional opaque door testing and comply with our request letter of 12/08/11, in order to complete the renewal process, signed by James A. Stapleton III, P.E.

G. OTHERS

1. Notice of Acceptance No. **06-0125.05**, issued to Habersham Metal Products Co., Inc, for their Model "HMPCO HBCPR1" Outswing Steel Door – L.M.I., approved on 01/11/07 and expiring on 01/11/12.
2. One year approval, subjected to successful additional required testing, the final approval will be issued for the balance of a total of 5 years.





Manuel Pérez, P.E.
Product Control Examiner
NOA No. 11-1006.22

Expiration Date: January 11, 2013
Approval Date: February 02, 2012


Dade County Compliance Office NOA Application #: 06-0125.05
Pair/ Single Outswing Door and Frame

Habersham Metal Products Co., Inc.
P.O. Box 739
264 Stapleton Road
Cornelia, GA 30531





Miami-Dade County Product Control Approved
Habersham Metal Products Co., Inc.
264 Stapleton Road
Cornelia, GA 30531 PH: 706 / 778-2212

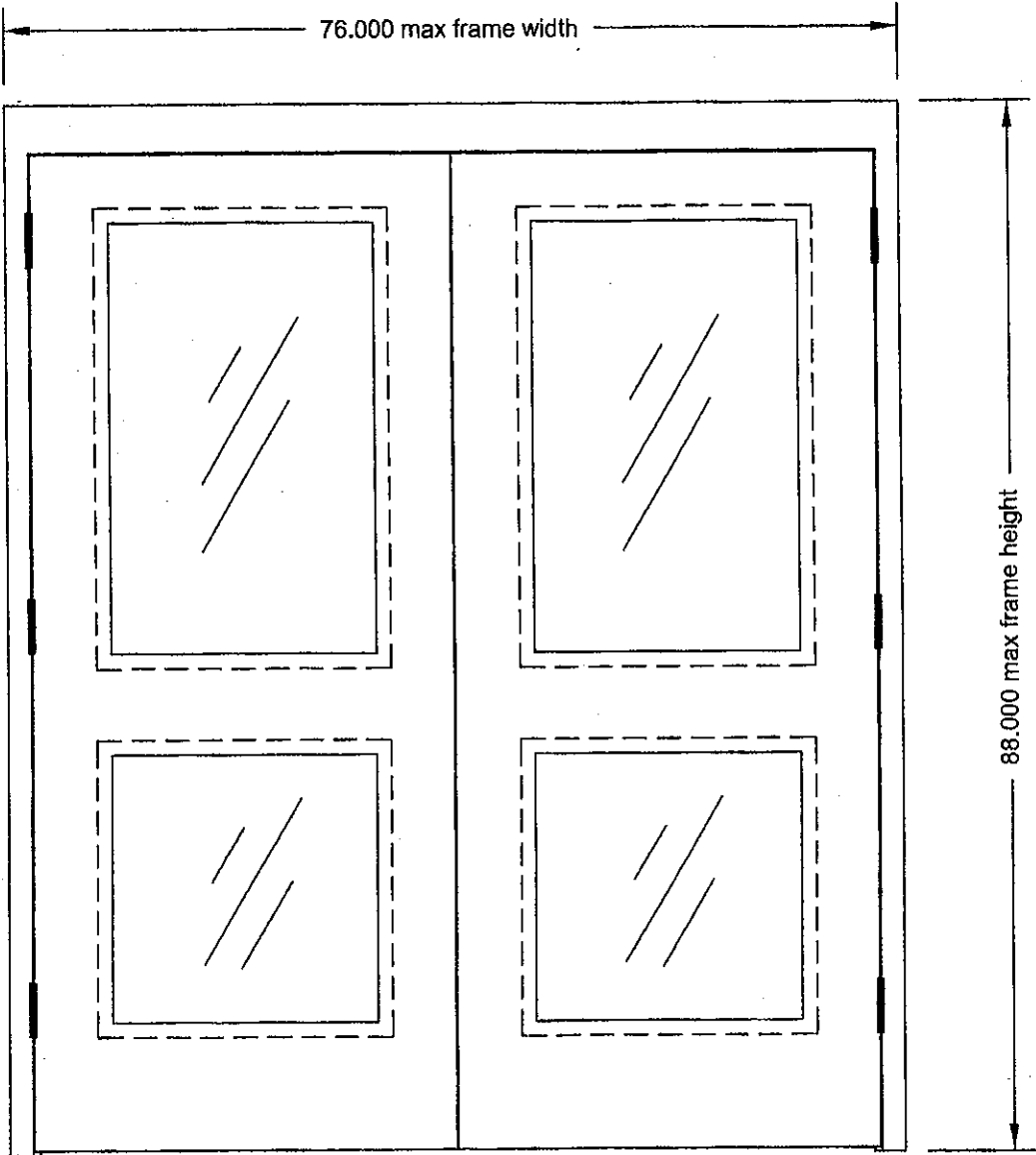


Design Pressure Rating Where Water Requirements is not Needed	Impact Rating
+ 104 psf , -104 psf with Masonry Straps + 104 psf , -104 psf Hilti Anchors and Nelson Studs	TAS 201 Large Missile Impact TAS 203 Cyclic Loading Rating is in Accordance with ITS Test Report #3076273, Dated January 13, 2006, Signed and Sealed by Mr. Rick Curkeet, P.E. Florida Registration #60450

Where Water Infiltration Requirements is Needed	Where Water Infiltration Requirements is not Needed
+70 psf TAS 202 Paragraph 5.2.6	+104 psf TAS 202
Rating is in Accordance with ITS Test Report #3076273, Dated January 13, 2006, Signed and Sealed by Mr. Rick Curkeet, P.E. Florida Registration #60450	

General Notes: 1) Complies with FBC 2004 Edition
2) All dimensions are in Inches

Drawing Index
Pg 1 of 13- Cover
Pg 2 of 13- Pair Door Elevation
Pg 3 of 13- Single Door Elevation
Pg 4 of 13- Door Section Glazing Detail
Pg 5 of 13- Door Vertical Section
Pg 6 of 13- Header Detail Door Hinge Reinf
Pg 7 of 13- Door Bill of Materials
Pg 8 of 13- Frame Elevation/ Sections
Pg 9 of 13- Frame Exit Device Preparation/ Hinge Reinf
Pg 10 of 13- Frame Anchor Details
Pg 11 of 13- Frame Anchor Details
Pg 12 of 13- Frame Bill of Materials
Pg 13 of 13- Weather Stripping Details





Drawn by: JSIII	Checked by: JSIII
Date: 12-14-06	Page: 1 of 13
Scale:	



Habersham Metal Products Co., Inc.
Engineered Steel Doors and Frames
264 Stapleton Rd
Cornelia, GA 30531
(706)778-2212 FX: (706)778-2769
e-mail: hmpco@habershammetal.com

Project Name:
Dade County-
Pair/ Single Outswing Door and
Frame


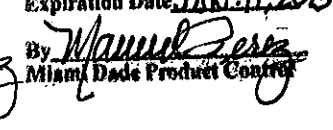
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National Association of
Architectural Metal Manufacturers


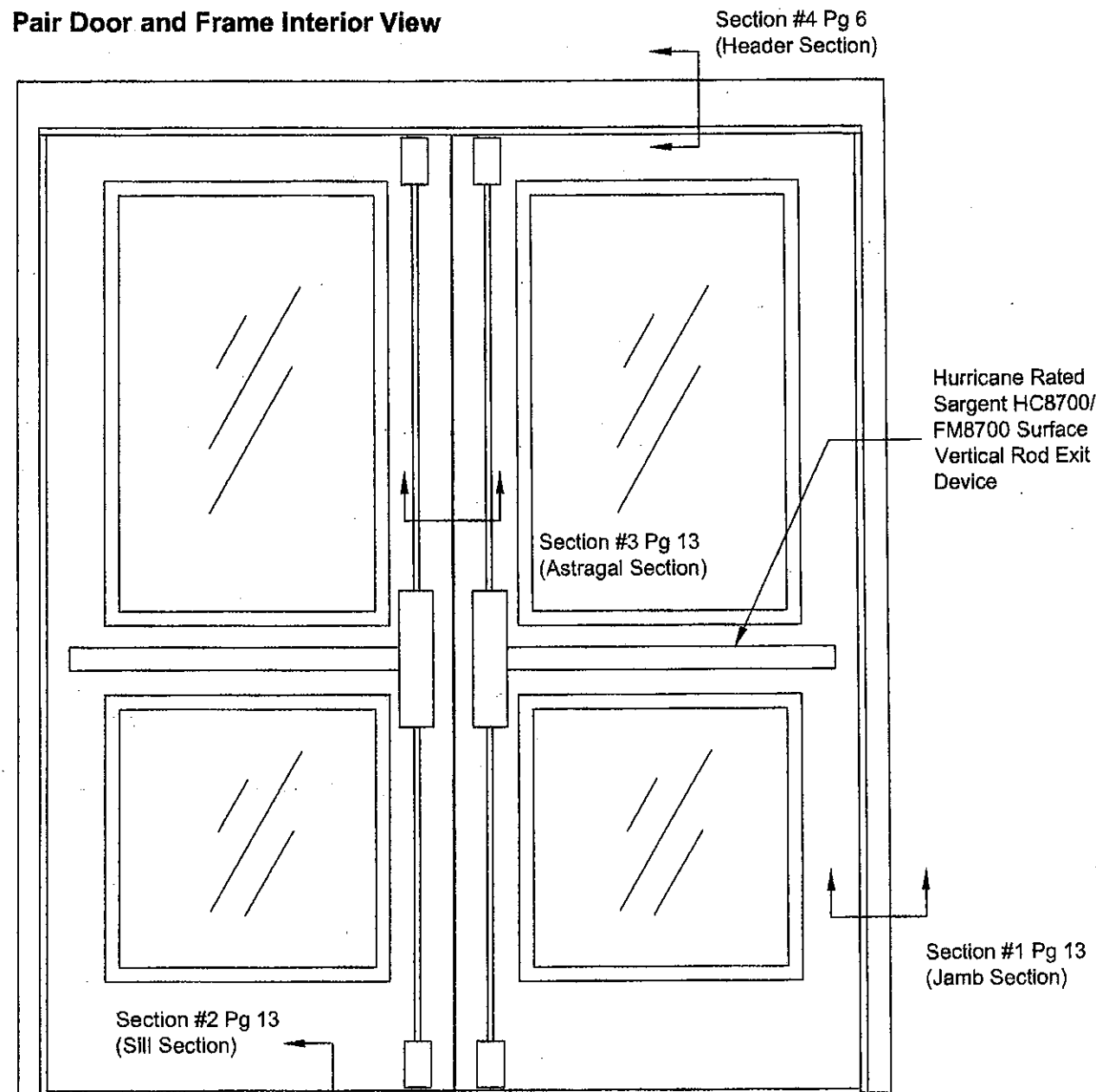
Florida Registered Professional Engineer
Company Name: MACTEC Engineering and Consulting
Address: 396 Plasters Ave, N.E.
Atlanta, GA 30324

The Door and Frame Shown in these Drawings will Withstand Wind Pressures in Accordance with ASCE 7-98 and the Florida Building Code 2004. This is in Reference to the MACTEC Report Dated December 14, 2006.

Dade County Compliance Office Use

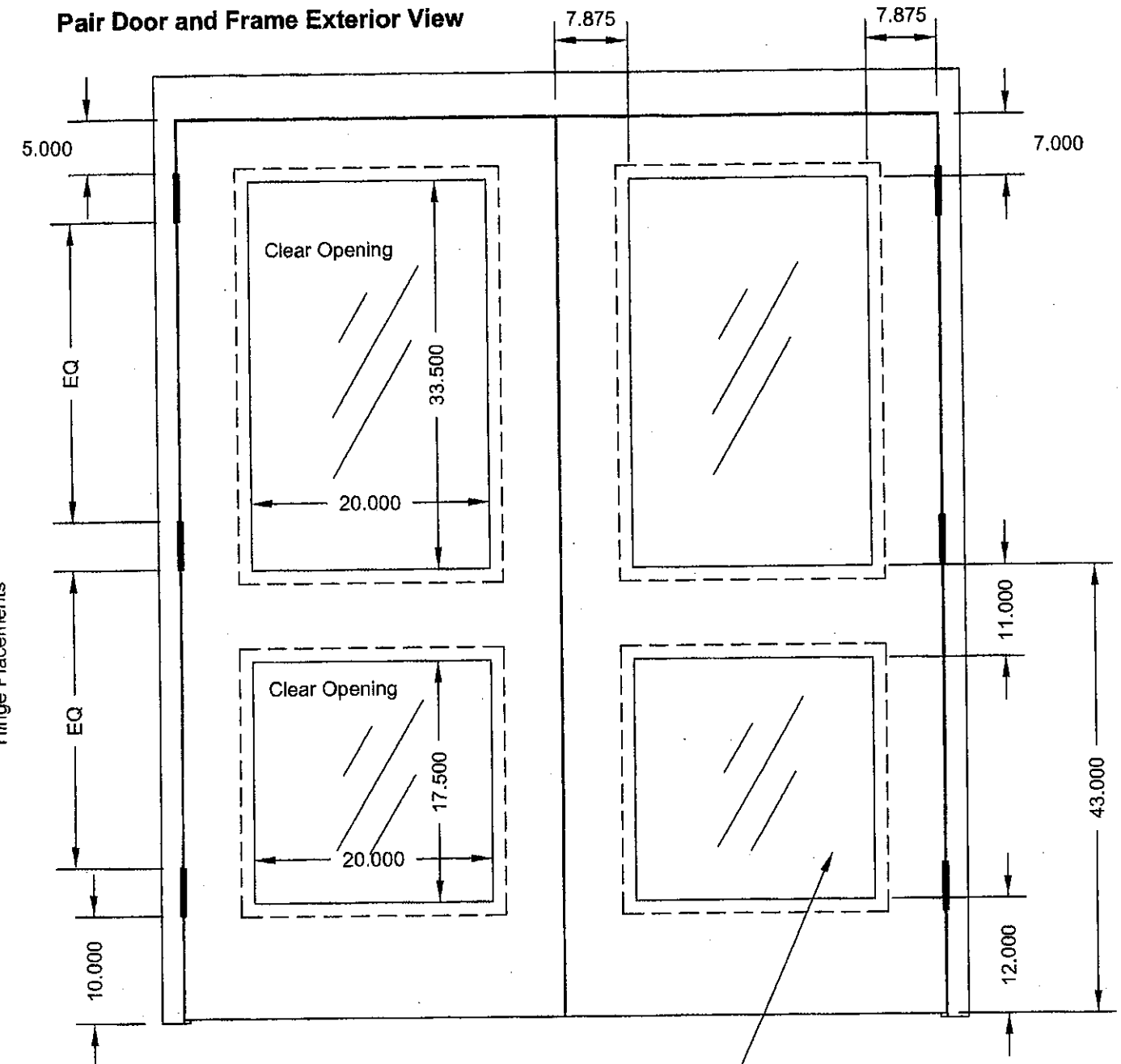
Approved as complying with the
Florida Building Code
Date: JAN. 11, 2007
NOA# 06-0125.05
Miami Dade Product Control
Division
By: 
As complying with the Florida
Building Code
Acceptance No. 11-1006-22
Expiration Date: JAN. 11, 2013
By: 
Miami Dade Product Control

Pair Door and Frame Interior View



National Guard Weather Stripping:
950 Threshold, 96VA Sweeps, 9115 Astragal (exterior) with PF183
Adhesive Bulb Interior Meeting Edge, 137 Perimeter Seal with 5050
Adhesive Bulb in Rabbets

Pair Door and Frame Exterior View



Florida Registered Professional Engineer

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Date: JAN 11 2007
By: 06-0125.05
Product Control
By: Manuel Perez
Product Control
By: Manuel Perez
Product Control

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Project Name:

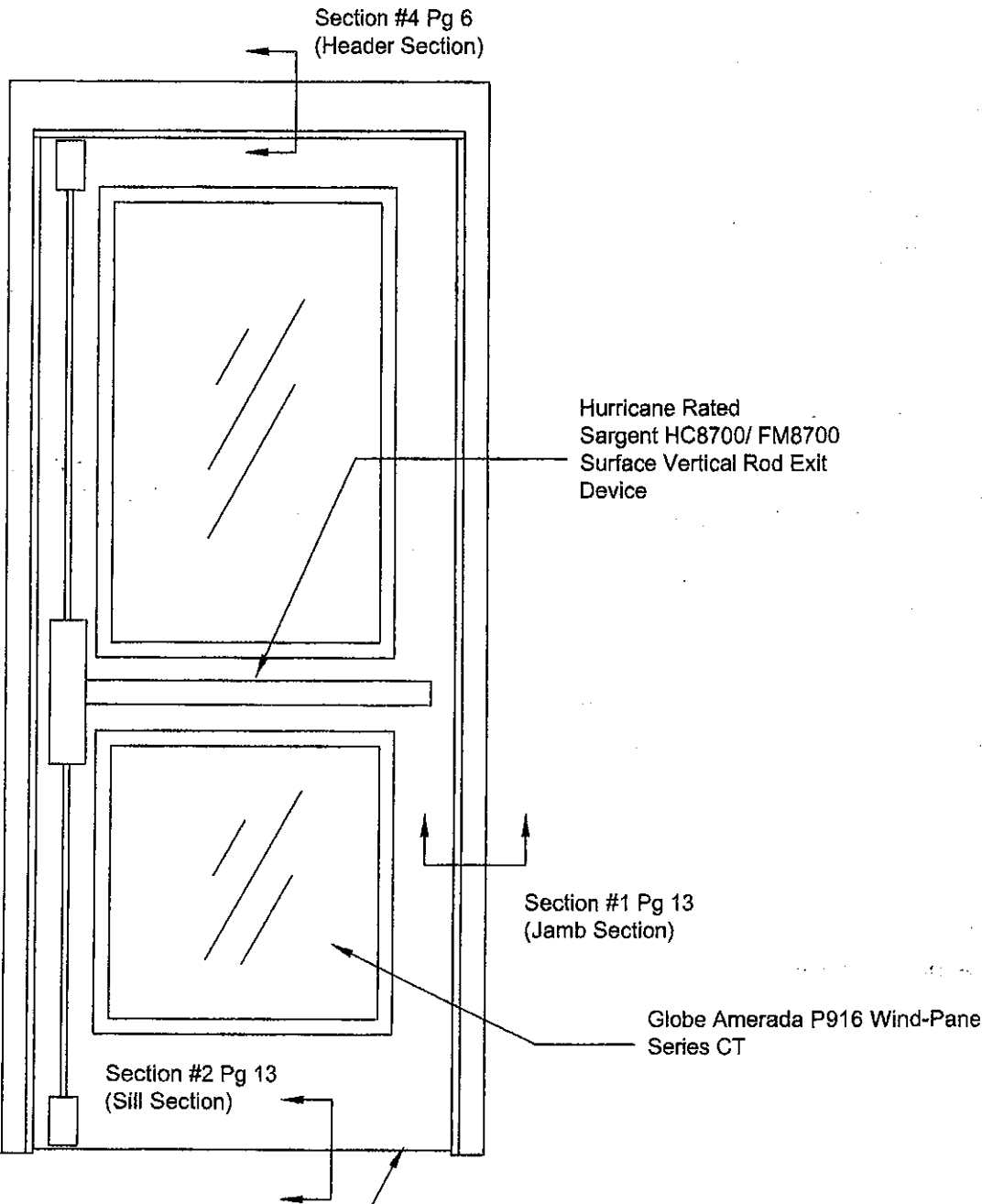
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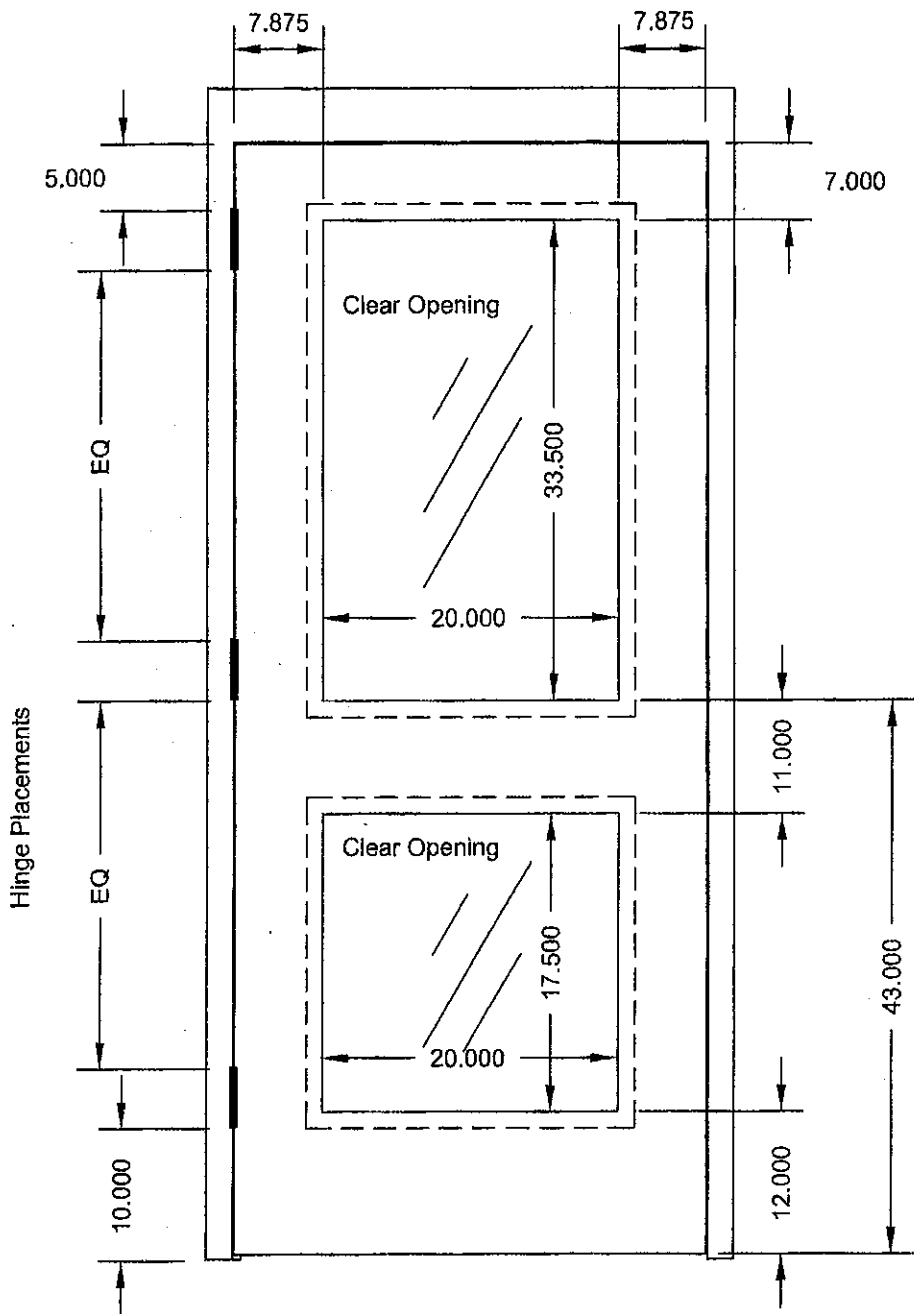


Single Door and Frame Interior View



National Guard Weather Stripping:
950 Threshold, 96VA Sweeps, 137 Perimeter Seal with
5050 Adhesive Bulb in Rabbets

Single Door and Frame Exterior View



Florida Registered Professional Engineer

Company Name: MACTEC Engineering and Consulting
Address: 396 Plasters Ave, N.E.
Atlanta, GA 30324

Dade County Compliance Office Use

Approved to comply with the
Florida Building Code
Date: JAN 11 2007
NOA 06-0125.05
Miami Dade Product Control
By: *Manuel Perez*
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By: *Manuel Perez*
Miami Dade Product Control

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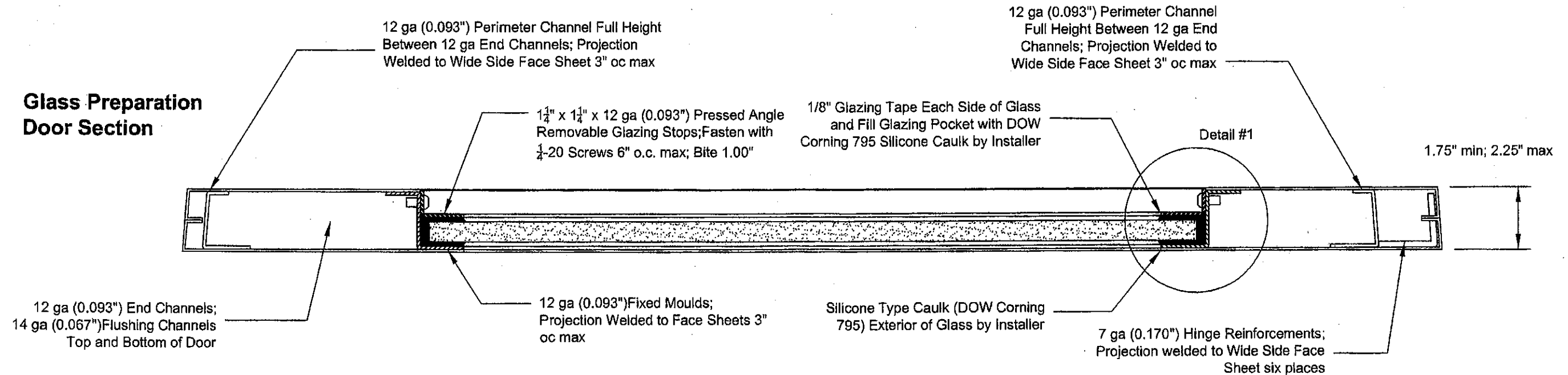
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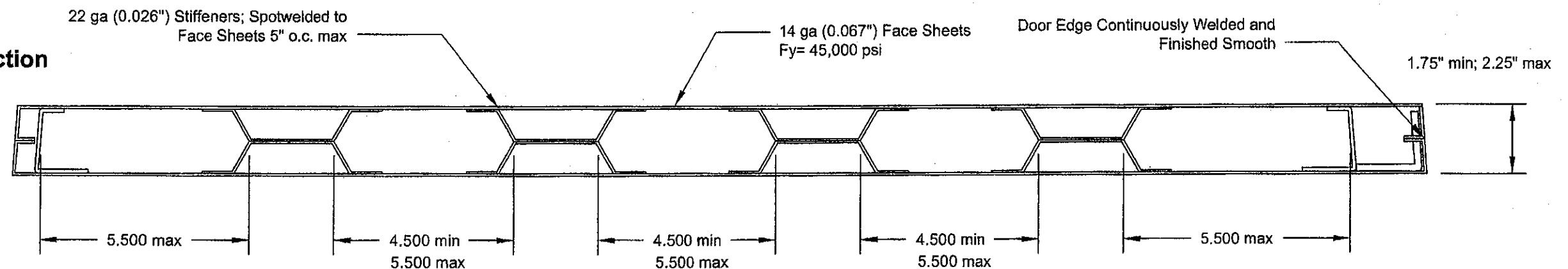


The Door and Frame Shown in these Drawings will Withstand Wind Pressures
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Glass Preparation Door Section

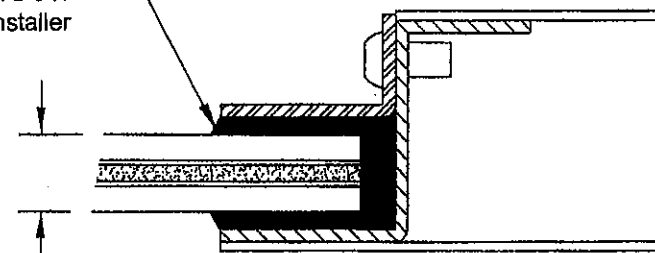


Flush Door Section



Detail#1: Glazing Pocket

1/8" Glazing Tape Each Side of Glass and Fill Glazing Pocket with DOW Corning 795 Silicone Caulk by Installer



Overall Glass Thickness: 0.530" min - 0.610" max

Globe Amerada P916 Wind-Pane CT

Layer 1- 0.187" Chemically Strengthened Glass
Globe Amerada
Layer 2- 0.035" Urethane by Huntsman
Layer 3- 0.118" Polycarbonate by Sheffield/ Bayer
Layer 4- 0.035" Urethane by Huntsman
Layer 5- 0.187" Chemically Strengthened Glass
Globe Amerada

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Vertical Section Flush Door

Vertical Section 2PG Door

7 ga (0.170") Hinge Reinforcements

Stiffeners Spotwelded to Face Sheets 5" o.c. max

12 ga End Channel Projection Welded to Face Sheets 3" oc max; 14 ga Flushing Channel Fastened to End Channel with Three #6 Sheet Metal Screws; Top and Bottom of Door

12 ga (0.093") Exit Device Reinforcement; 4.375" x Full Height Between End Channels; Projection Welded 5" oc Each Edge

7 ga (0.170") Hinge Reinforcements

12 ga (0.093") Perimeter Channel; Projection Welded to Face Sheet 3" oc max

12 ga (0.093") Perimeter Channel; Projection Welded to Face Sheet 3" oc max

22 ga (0.026") Stiffeners as Needed to Meet Spacing

12 ga (0.093") Non-Removable Glass Moulds Around Perimeter of Glass Opening; Projection Welded to Face Sheets; 3" oc max

Door Edge Continuously Arc Welded and Finished Smooth

12 ga (0.093") Exit Device Reinforcement; 4.375" x Full Height Between End Channels; Projection Welded 5" oc Each Edge

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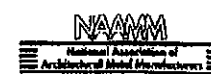
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5 of 13

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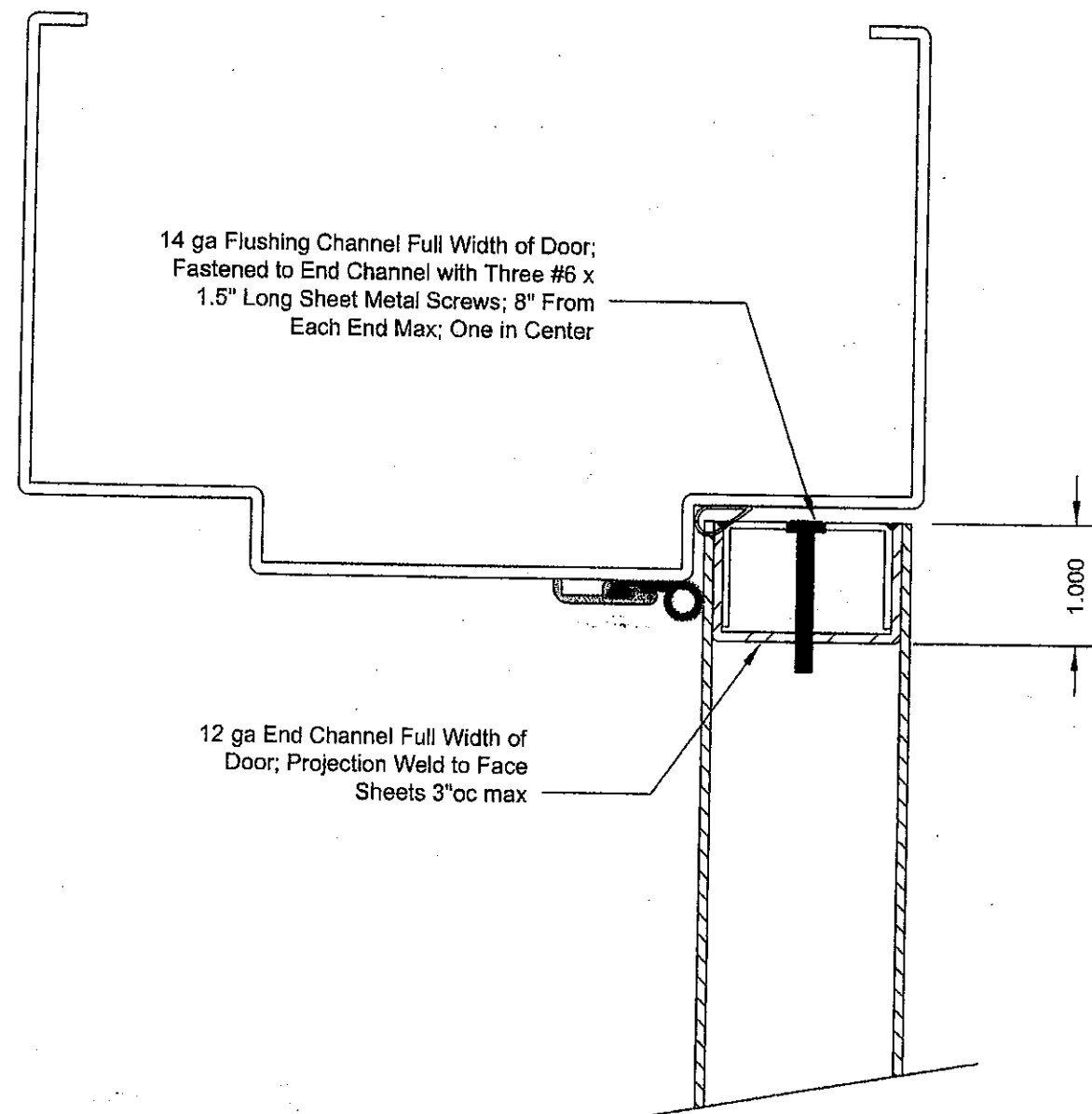
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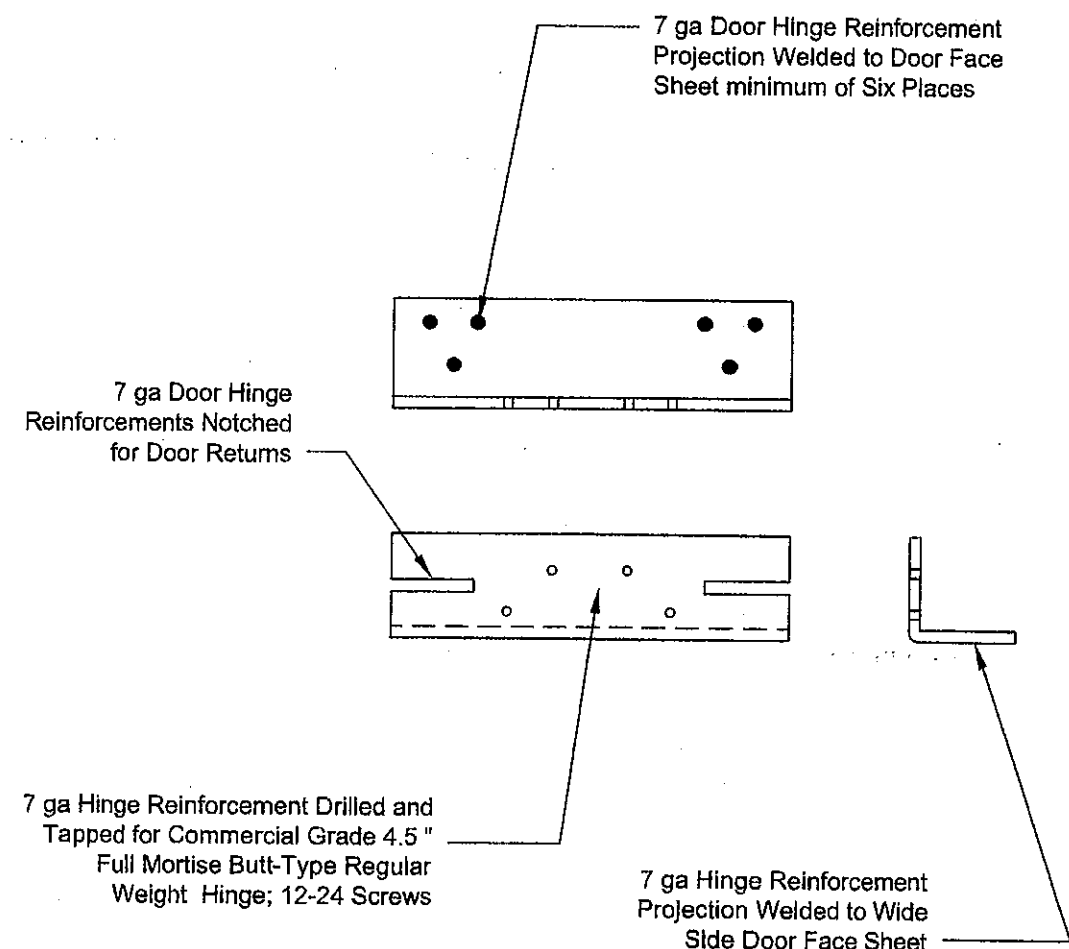
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Expiration Date JAN 11 2013

By: *Manuel Perez*
Miami Dade Product Control

Section #4 (Header Section)
Door End Channel and Flushing Channel
Section Detail- Top and Bottom of Door



Door Hinge Reinforcement



Florida Registered Professional Engineer

Company Name: MACTEC Engineering and Consulting
 Address: 396 Plasters Ave, N.E.
 Atlanta, GA 30324

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 By: *[Signature]*
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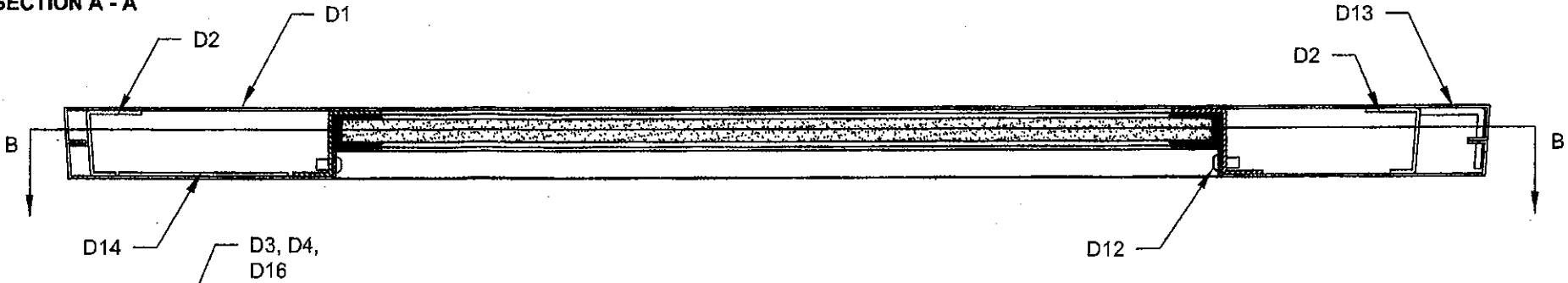
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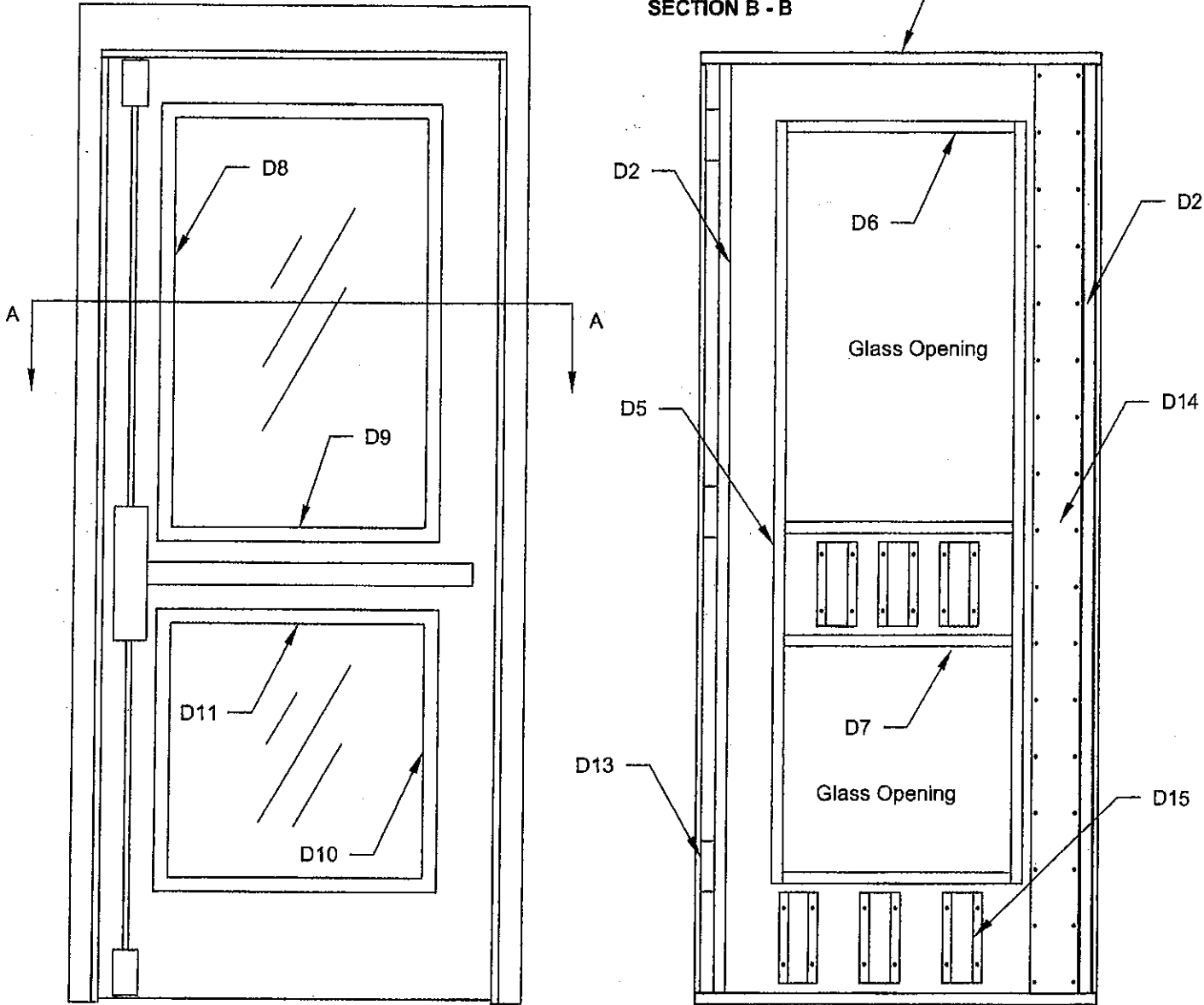


Note:
All Quantities for Single Door Opening
(Pair Door Opening Requires Two Doors)

DOOR SECTION A - A



SECTION B - B



Door Bill of Materials				
Part Number/ Name/ Quantity per Door			Part Description	Material Thickness/ Detail
D1	Door Face Sheet	2	37.897" x 83.500	14 ga A 60 Galvanized ASTM A 1011
D2	Perimeter Channel	2	3.313" x 82.25"	12 ga ASTM A 1011
D3	End Channel	2	3.313" x 35.250"	12 ga ASTM A 1011
D4	Flushing Channel	2	2.875" x 35.376"	14 ga ASTM A 1011
D5	Top Light Fixed Mould	2	3.781" x 69.875"	12 ga ASTM A 1011
D6	Top Light Fixed Mould	2	1.844" x 22.313"	12 ga ASTM A 1011
D7	Bottom Light Fixed Mould	2	1.844" x 22.313"	12 ga ASTM A 1011
D8	Top Light Removable Stop	2	1.844" x 36.343"	12 ga ASTM A 1011
D9	Top Light Removable Stop	2	1.844" x 22.095"	12 ga ASTM A 1011
D10	Bottom Light Removable Stop	2	1.844" x 22.468"	12 ga ASTM A 1011
D11	Bottom Light Removable Stop	2	1.844" x 22.095"	12 ga ASTM A 1011
D12	Glass Stop Screws	38	1/4-20 Grade #8	Torx Security Screw, SAE Grade #8
D13	Door Hinge Reinforcement	3	9.500" x 3.313"	7 ga ASTM A 1011
D14	Exit Device Reinforcement	1	4.380" x 82.000"	12 ga ASTM A 1011
D15	Stiffeners	6	4.875" x VARIES	22 ga ASTM A 1011
D16	Flushing Channel Screws	6	#6 Sheet Metal Screw	#6 x 1.5"; SAE Grade #2

Florida Registered Professional Engineer

Company Name: MACTEC Engineering and Consulting
Address: 396 Plasters Ave, N.E.
Atlanta, GA 30324

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Miami Dade Product Control
By: *[Signature]*

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Expiration Date: JAN. 11, 2013
By: *[Signature]*
Miami Dade Product Control

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JSIH
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JSIH
Page:
7 of 13

Habersham Metal Products Co., Inc.



Engineered Steel Doors and Frames
264 Stapleton Rd
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Project Name:

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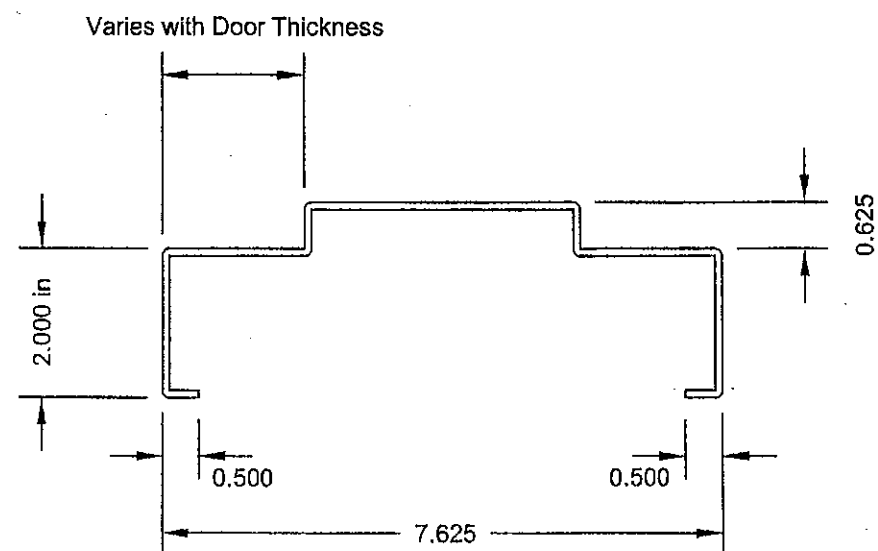
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NOA Application # 060125.05

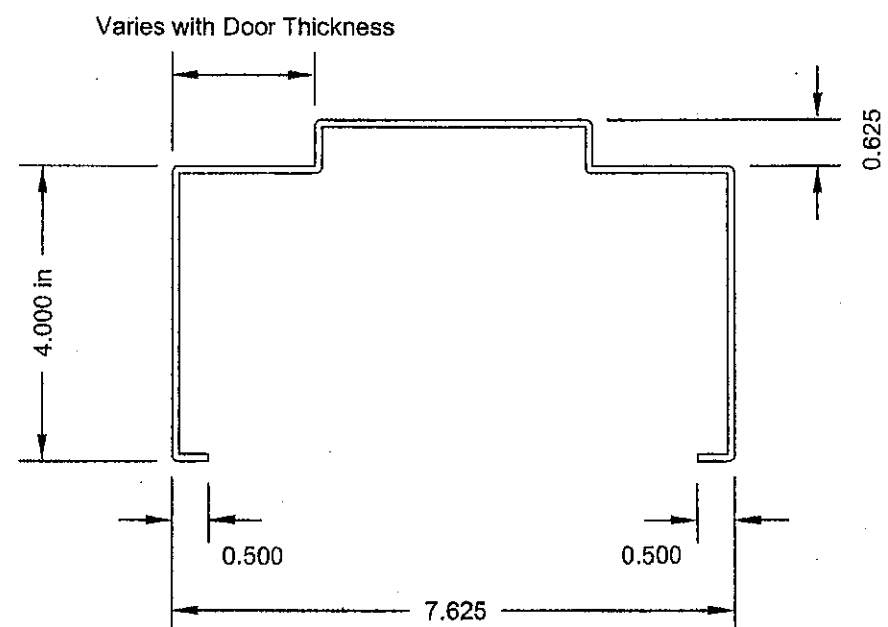


The Door and Frame Shown in these Drawings will Withstand Wind Pressures
in Accordance with ASCE 7-98 and the Florida Building Code 2004. This is in
Reference to the MACTEC Report Dated December 14, 2006.

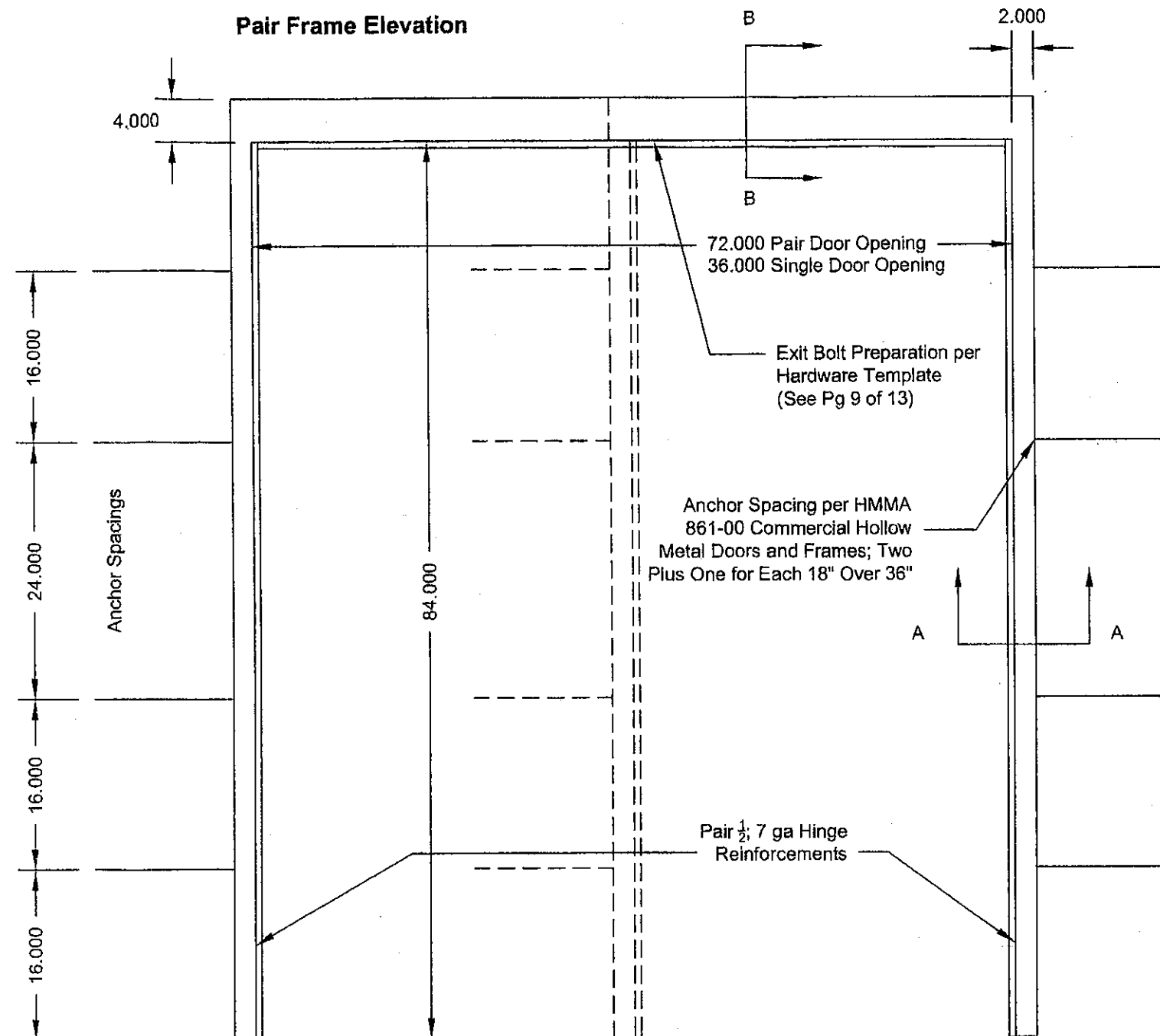
Section A - A



Section B - B



Pair Frame Elevation



Florida Registered Professional Engineer

Company Name: MACTEC Engineering and Consulting
Address: 396 Plasters Ave, N.E.
Atlanta, GA 30324

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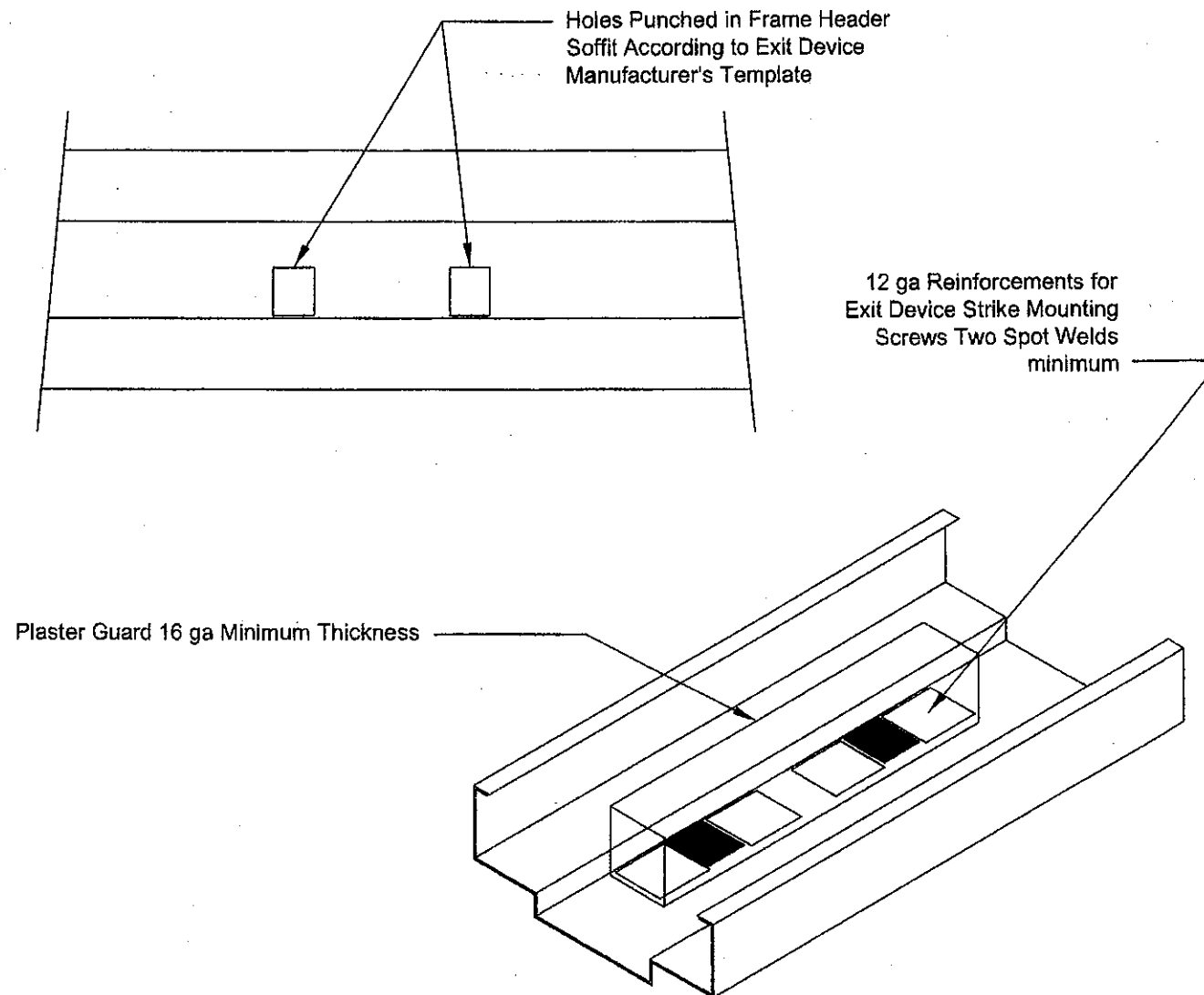


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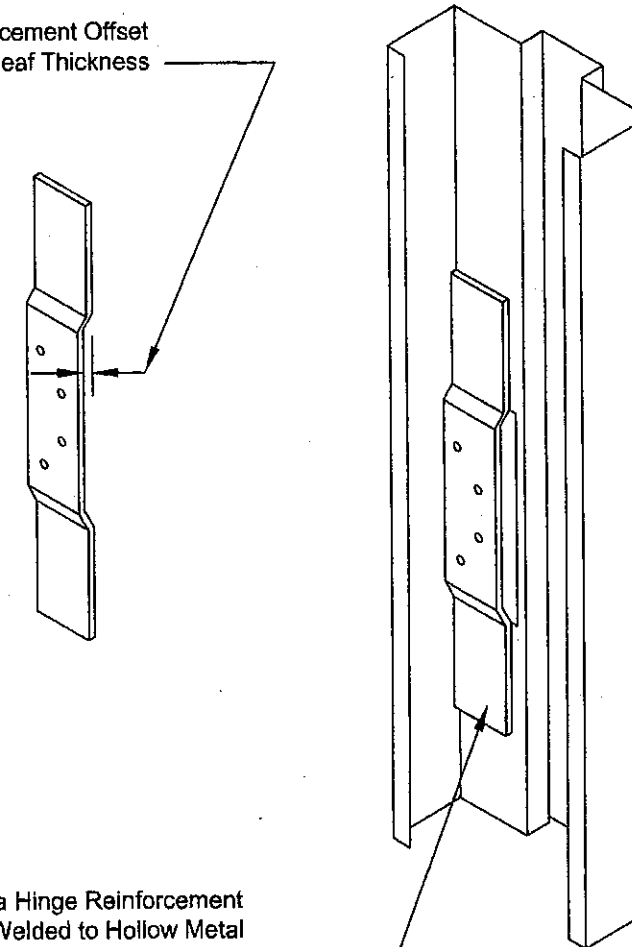
Frame Header Exit Device Preparation (Pair Doors)



Frame Hinge Reinforcement

7 ga Hinge Reinforcement Offset
for Hinge Leaf Thickness

7 ga Hinge Reinforcement
Projection Welded to Hollow Metal
Frame Total of Six Welds min Each



Florida Registered Professional Engineer

Company Name: MACTEC Engineering and Consulting
Address: 396 Plasters Ave, N.E.
Atlanta, GA 30324

RBH
12/14/06

The Door and Frame Shown in these Drawings will Withstand Wind Pressures in Accordance with ASCE 7-98 and the Florida Building Code 2004. This is in Reference to the MACTEC Report Dated December 14, 2006.

Dade County Compliance Office Use

Approved as complying with the
Florida Building Code
Date: JAN 11 2007
NOA # 06-0125.05
Miami Dade Product Control
By: *[Signature]*

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 11-1006-22
Expiration Date: JAN 11 2013
By: *[Signature]*
Miami Dade Product Control

Drawn by: JSIII
Checked by: JSIII
Date: 12-14-06
Page: 9 of 13
Scale:

Habersham Metal Products Co., Inc.



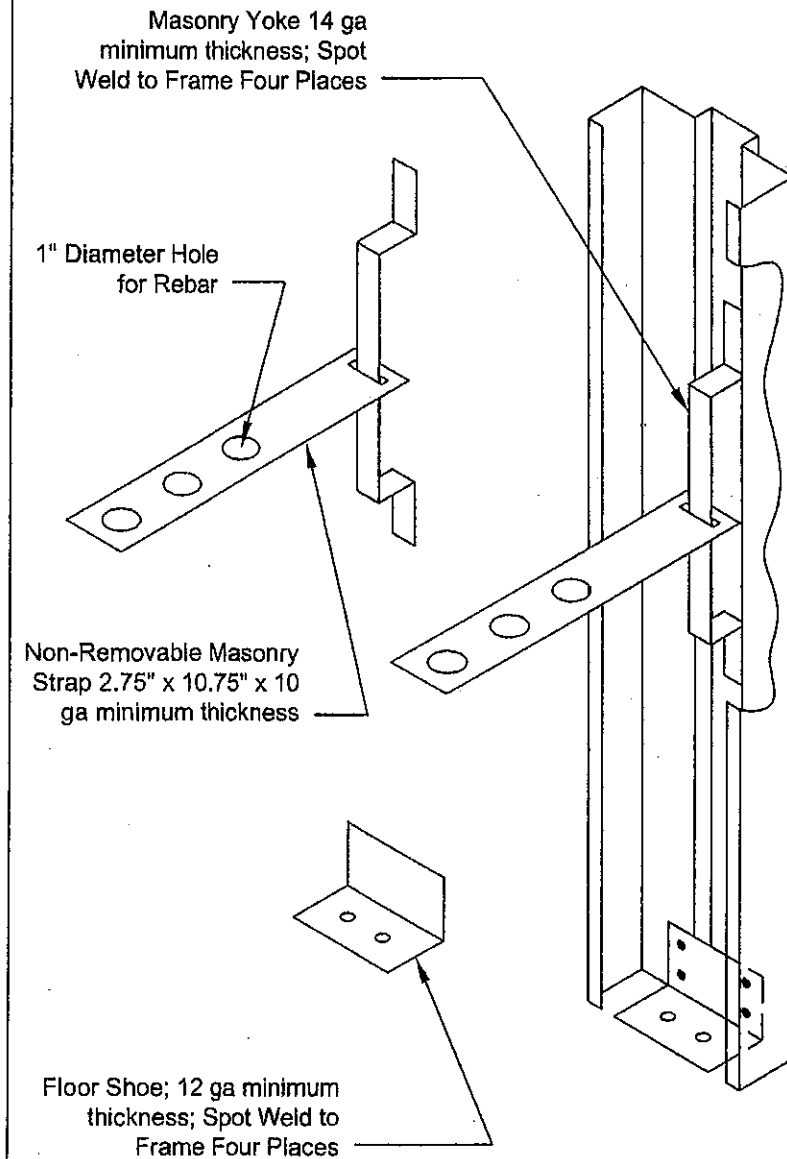
Engineered Steel Doors and Frames
264 Stapleton Rd
Cornelia, GA 30531
(706)778-2212 FX: (706)778-2769
e-mail: hmpco@habershammetal.com

Project Name:
Dade County-
Pair/ Single Outswing Door and
Frame

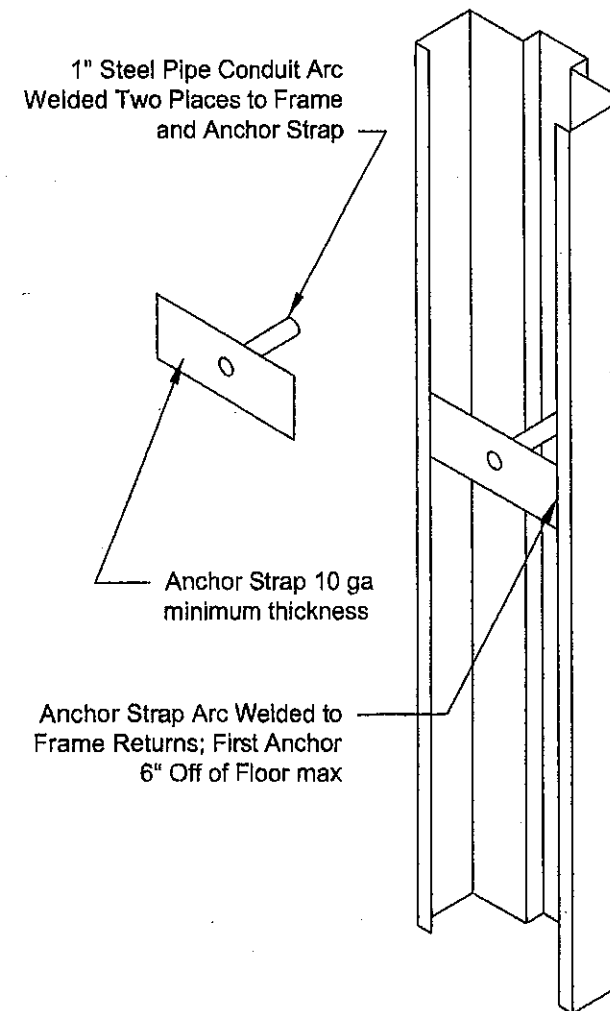
Job Number:
NOA Application # 060125.05



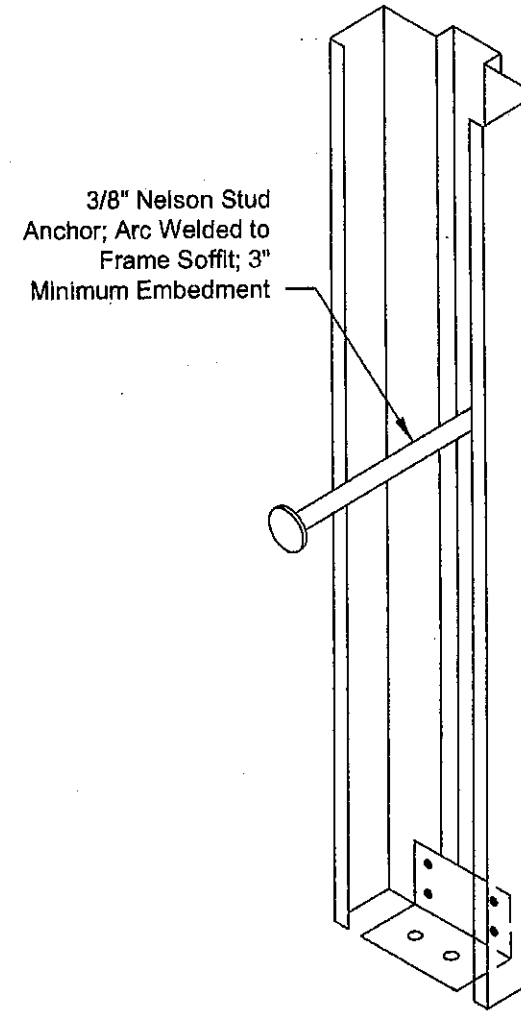
**Non-Removable Masonry Yoke and Strap
(No Head Anchors)**



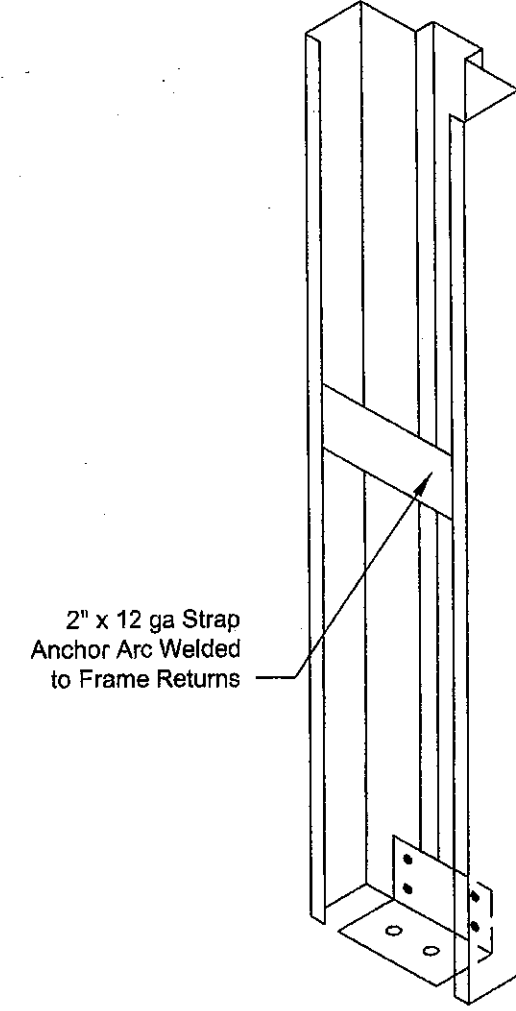
**Expansion Bolt Anchor for Existing Masonry
(Pair: Three Head Anchors, 12" Each End One in Center)
(Single: Two Head Anchors, 12" Each End)**



Nelson Stud Anchor for Cast in Place Masonry



Strap Anchor for Cast in Place Masonry



Anchor Spacing per HMMA 861-00 Commercial Hollow Metal Doors and Frames; Two Plus One for Each 18" over 36"; 16" From Floor Max

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10 of 13

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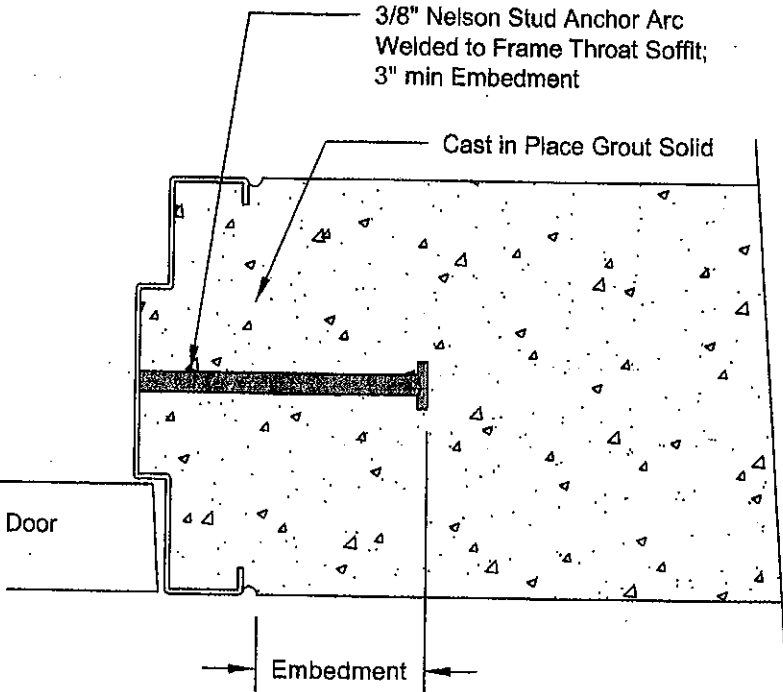
Dade County Compliance Office Use

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Florida Building Code
Date: *JAN. 11, 2007*
NOA#: *06-0125.05*
Miami Dade Product Control
Division
By: *Maurice Perez*

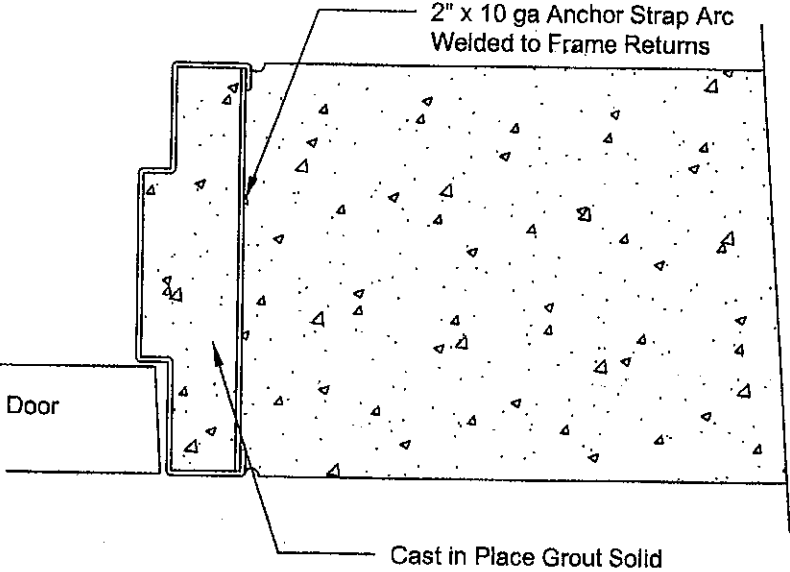
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By: *Maurice Perez*
Miami Dade Product Control

Frame Anchor Details

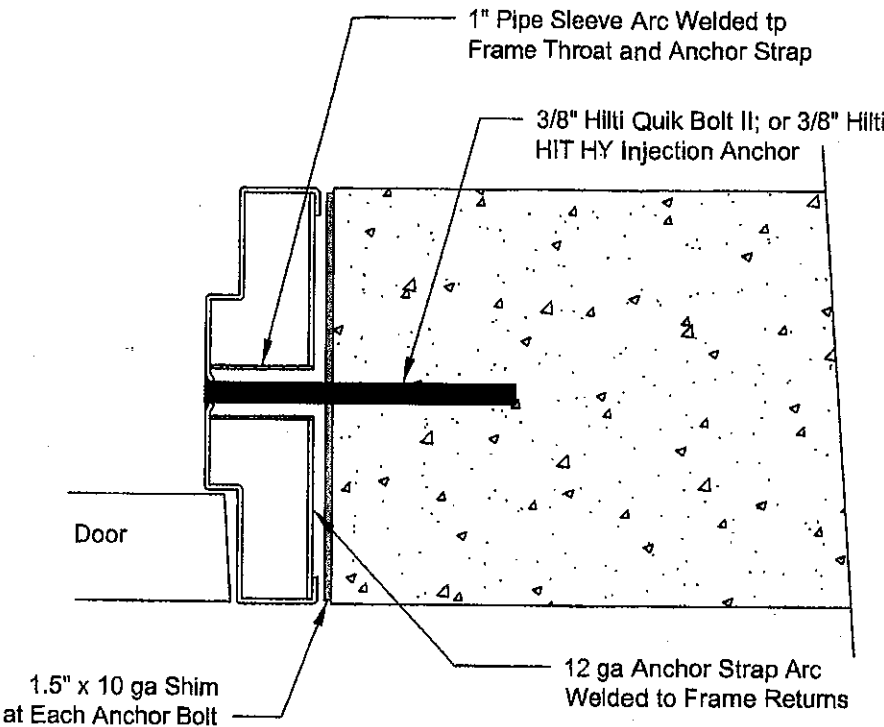
Nelson Stud Anchor for Cast In Place Masonry
(No Head Anchors)



Strap Anchor for Cast In Place Masonry
(No Head Anchors)

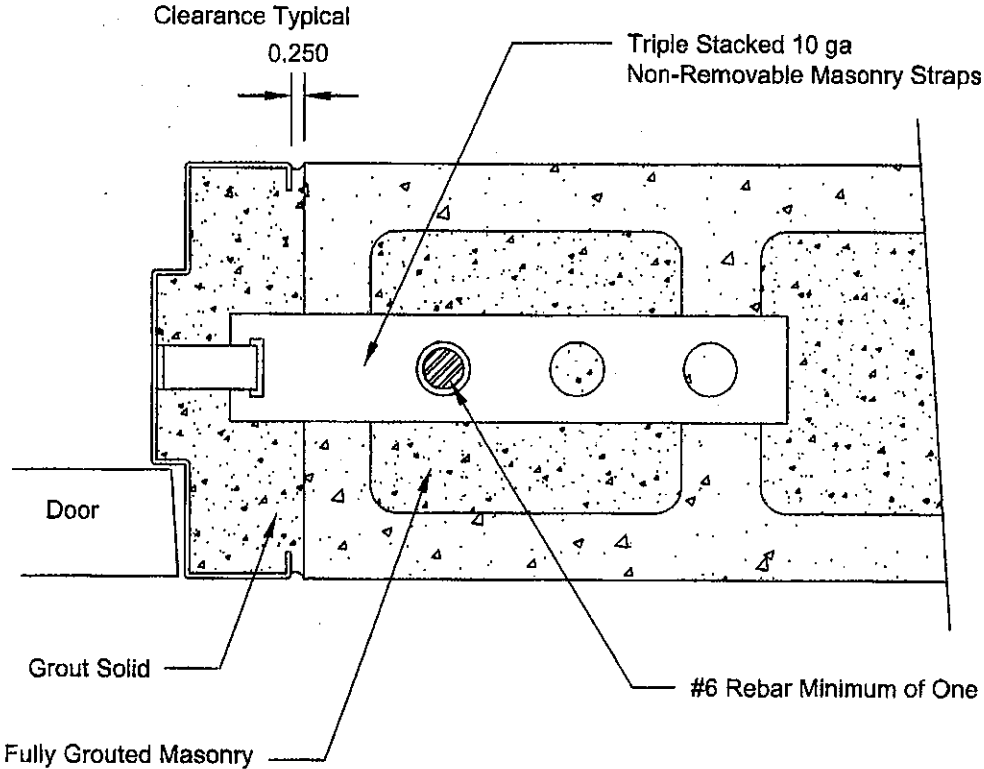


Expansion Bolt Anchor for Existing Masonry
(Pair: Three Head Anchors, 12 inch Each End One in Center)
(Single: Two Head Anchors, 12 inch Each End)



- * 3/8" Hilti HIT HY 150 Injection Anchor- 3.5" Min Embedment
- * 3/8" Hilti Carbon Steel Kwik Bolt II Expansion Anchor -1.625" Minimum Embedment

Non-Removable Masonry Yoke and Strap
(No Head Anchors)



Anchor Spacing per HMMA 861-00 Commercial Hollow Metal Doors and Frames; Two Plus One for Each 18 inch over 36 inch; 16 inch From Floor Max

Drawn by: JSIII
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Page: 11 of 13
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Habersham Metal Products Co., Inc.



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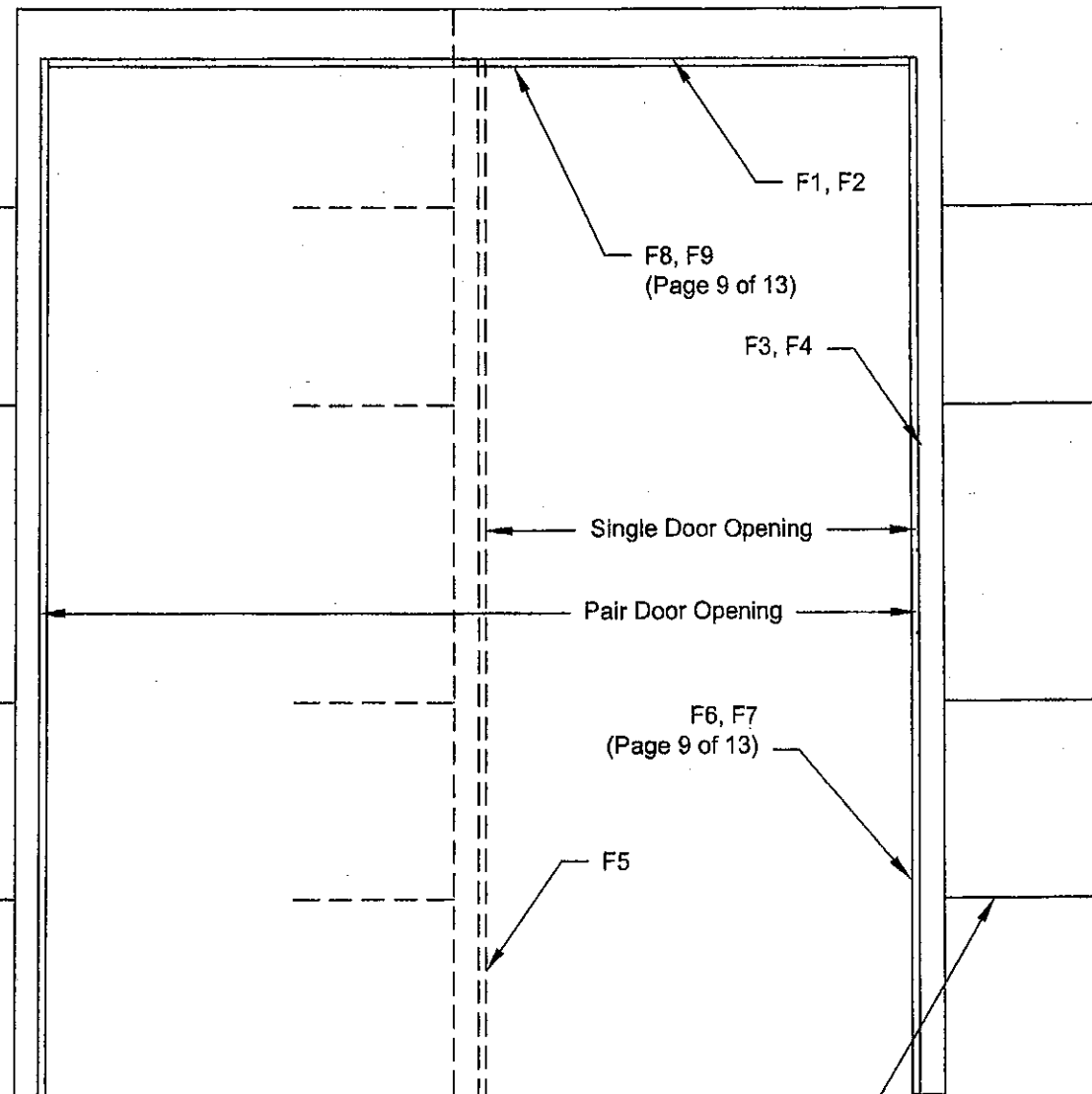
RMH
1/11/06

The Door and Frame Shown in these Drawings will Withstand Wind Pressures in Accordance with ASCE 7-98 and the Florida Building Code 2004. This is in Reference to the MACTEC Report Dated December 14, 2006.

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Miami Dade Product Control
By: *Mmanuel Perez*

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Miami Dade Product Control



Frame Bill of Materials				
Part Number/ Name/ Quantity per Door Opening			Part Description	Material Thickness/ Detail
F1	Frame Header Single Door Opening	1	15.121" x 39.875"	14 ga ASTM A 1011 CS Type B; A60 Galv
F2	Frame Header Pair Door Opening	1	15.121" x 75.875"	14 ga ASTM A 1011 CS Type B; A60 Galv
F3	Frame Hinge Jamb Single Door Opening	1	11.121" x 87.938"	14 ga ASTM A 1011 CS Type B; A60 Galv
F4	Frame Hinge Jamb Pair Door Opening	2	11.121" x 87.938"	14 ga ASTM A 1011 CS Type B; A60 Galv
F5	Frame Strike Jamb Single Door Opening	1	11.121" x 87.938"	14 ga ASTM A 1011 CS Type B; A60 Galv
F6	Frame Hinge Reinforcement (Pair Door Opening 2X)	3	1.5" x 10"	7 ga ASTM A1011 CS Type B
F7	Hinge Plaster Guard (Pair Door opening 2X)	3	15" x 3.375"	20 ga ASTM A1011 CS Type B
F8	Frame Exit Bolt Reinforcement (Pair Door Opening 2X)	2	1.75" x 2"	12 ga ASTM A1011 CS Type B
F9	Frame Exit Bolt Plaster Guard	1	6.688" x 12"	16 ga ASTM A 1011 CS Type B
F10	Masonry Anchor Strap	8	2" x 10.75"	14 ga ASTM A 1011 CS Type B; A60 Galv
F11	Masonry Anchor Yoke	8	0.8125" x 14"	14 ga ASTM A 1011 CS Type B; A60 Galv
F12 *	Expansion Bolt Anchor Strap	8	2" x 5.625"	14 ga ASTM A 1011 CS Type B; A60 Galv
F13 *	Expansion Bolt Anchor Sleeve	8	0.75" Dia x 2.625"	Galv Pipe Sleeve; Steel Conduit
F14 **	Precast Nelson Stud	8	0.375" x 6" min	ASTM A 108
F15 **	Precast Anchor Strap	8	2" x 5.625"	14 ga ASTM A 1011 CS Type B; A60 Galv

F10, F11 Masonry Strap Anchor
 * F12, F13 Expansion Bolt Masonry
 ** F14, F15 Precast Anchor
 (Page 10, 11 of 13)

Florida Registered Professional Engineer

Company Name: MACTEC Engineering and Consulting
 Address: 396 Plasters Ave, N.E.
 Atlanta, GA 30324

Signature
 12/14/06

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 Division
 By: *Signature*

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Drawn by: JSIII
 Checked by: JSIII
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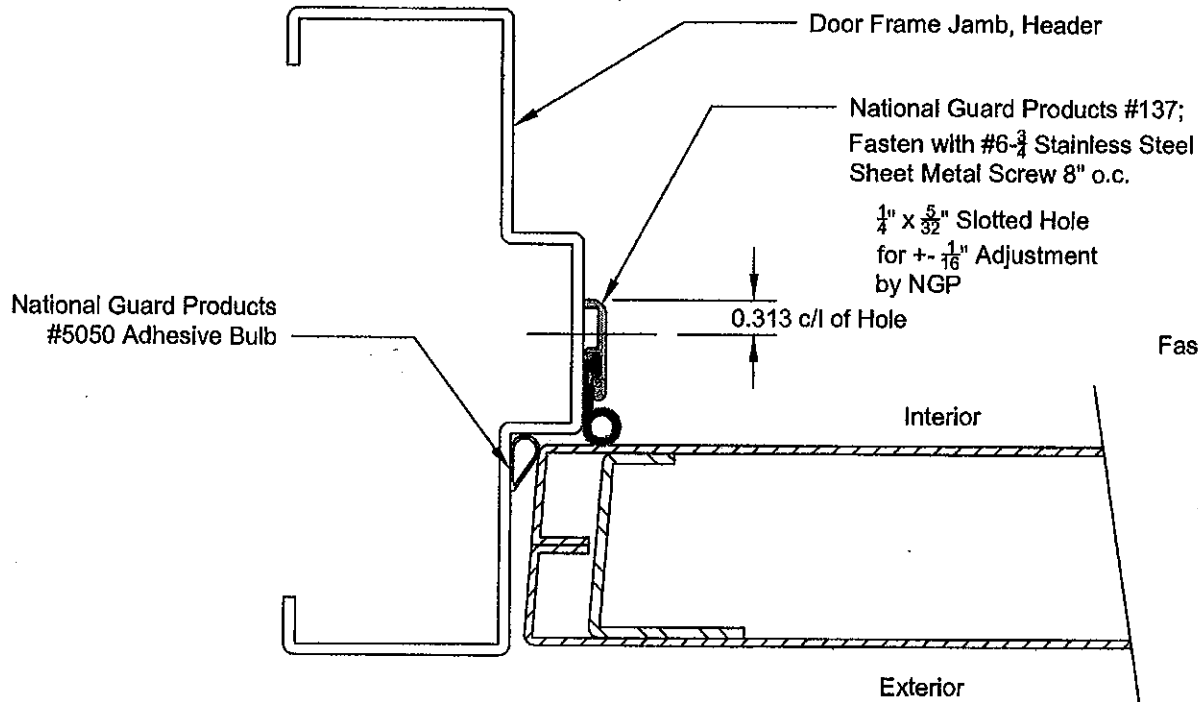
Job Number:

NOA Application # 060125.05

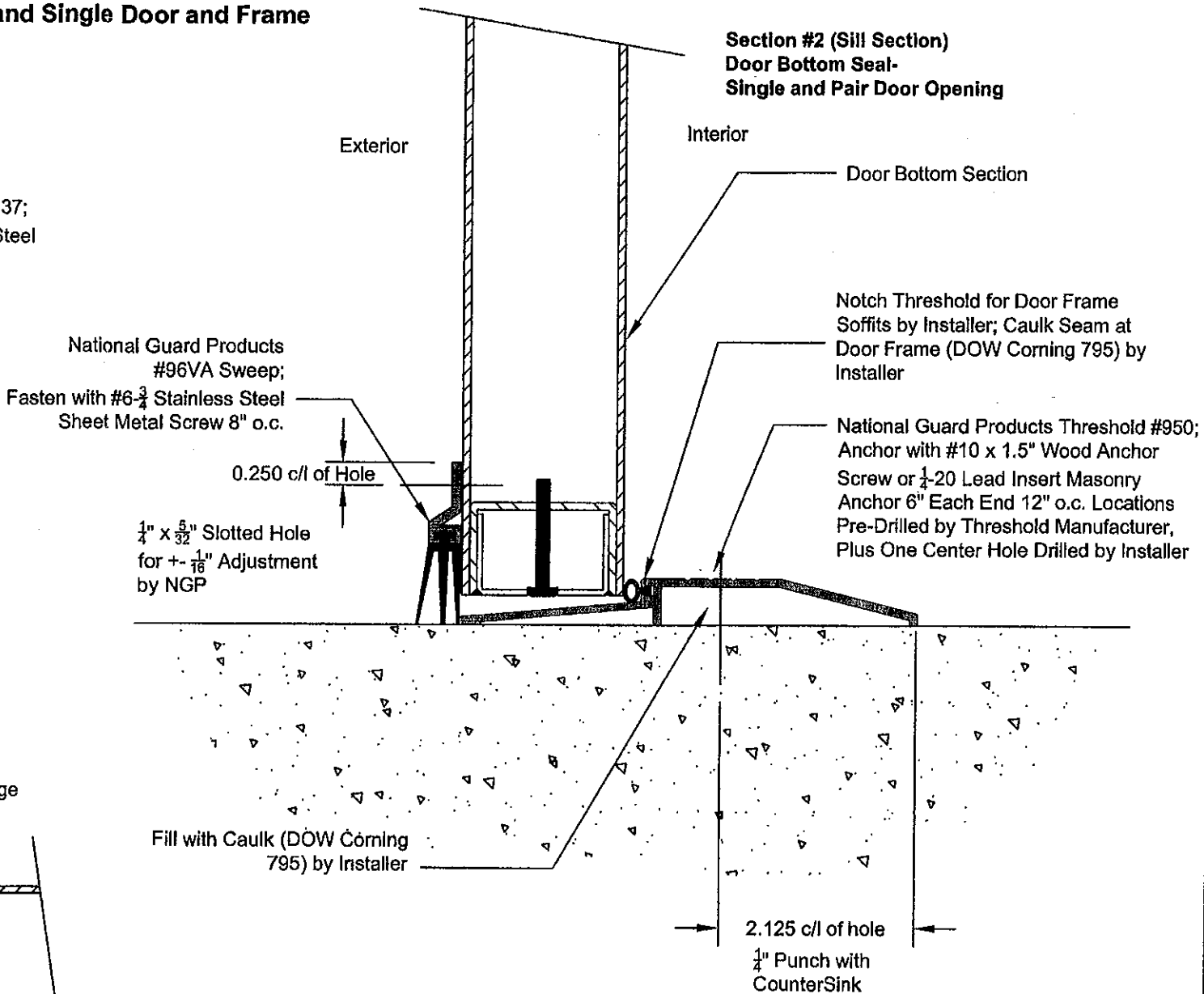


Weather Stripping Details- Pair and Single Door and Frame

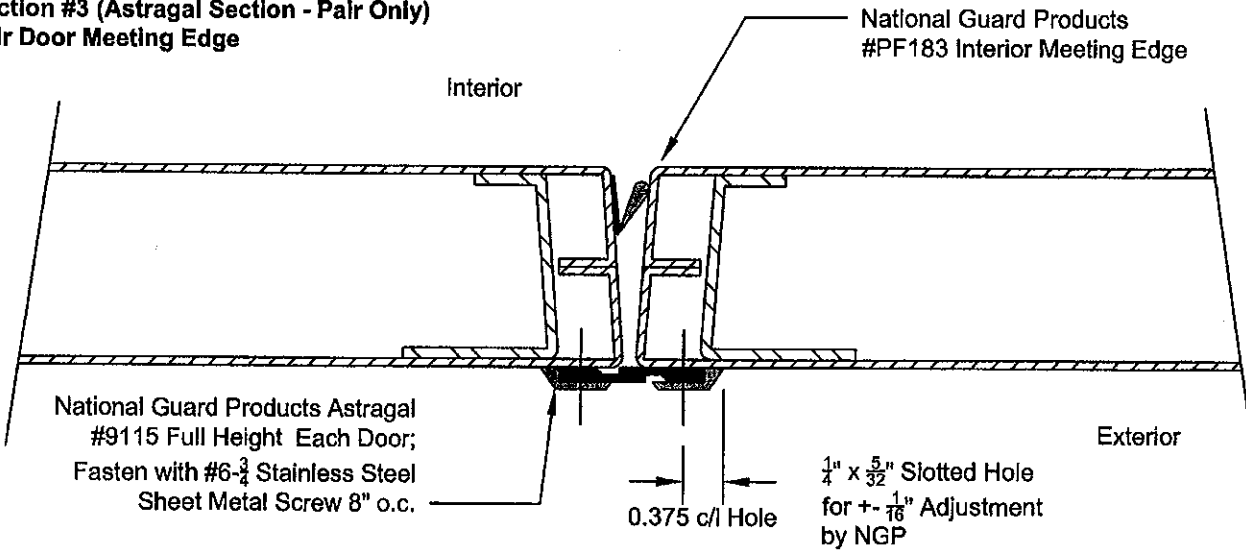
Section #1 (Jamb Section)
Perimeter Seal-
Single and Pair Door Opening



Section #2 (Sill Section)
Door Bottom Seal-
Single and Pair Door Opening



Section #3 (Astragal Section - Pair Only)
Pair Door Meeting Edge



Note: Weather Stripping Typically Provided and Installed by Others

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JSIH
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Page:
13 of 13

Habersham Metal Products Co., Inc.
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Miami Dade Product Control
Division By: Manuel Perez

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